



Circuit-style Segment Routing Policies

draft-ietf-spring-cs-sr-policy

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What's new?

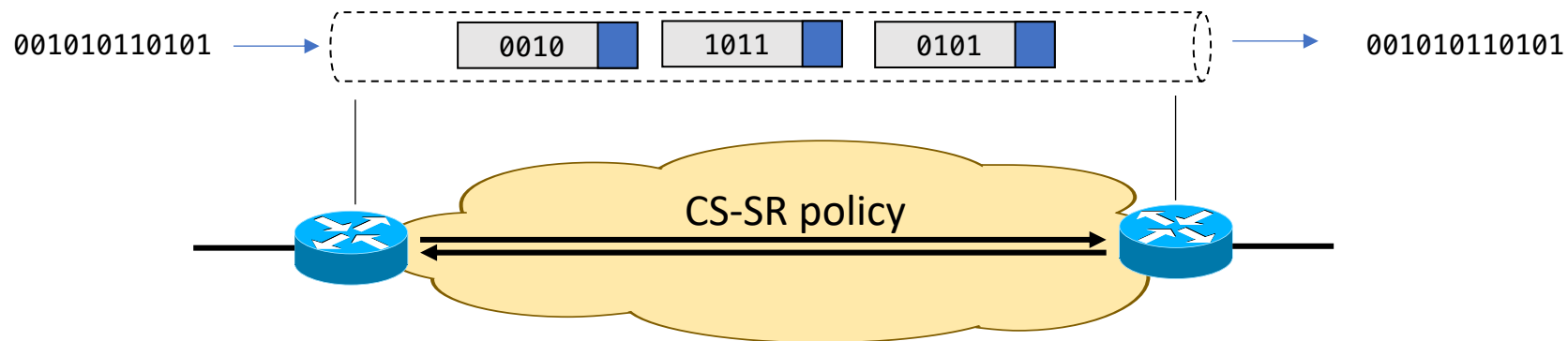
- The draft got adopted by the WG
- Content changes
 - Added policy creation via BGP
 - Introduction now highlights pseudowires (PWE3, PALS) as typical use case
 - Reworded the “bandwidth” section to not use the word “commitment”
 - Various editorial changes

CS-SR Policy Creation via BGP

- CS-SR policy creation is initiated by a central controller performing
 - Path calculation
 - Bandwidth bookkeeping
- Bidirectional, co-routing and diversity candidate path constraints are known by the controller and don't need to be signalled
- Policy creation per draft-ietf-idr-segment-routing-te-policy
 - SR policy NLRI
 - Multiple NLRIs with different distinguishers in case of 1:R, 1:1 or 1:1:R protection/restoration being used
- State reporting by headend routers per draft-ietf-idr-bgp-ls-sr-policy
 - C flag = 1 to indicate candidate paths are provisioned by a controller
 - A flag = 1 to indicate when a candidate path is active and carrying traffic
 - B flag = 1 to indicate when a candidate path is a backup path

Worth to note

- New bit-stream pseudowires are expected to be a key use case for CS-SR
 - draft-ietf-pals-ple
 - [UPDATED] draft-schmutzer-bess-bitstream-vpws-signalling
 - [NEW] draft-schmutzer-pals-ple-signaling



Next Steps

- Further comments and review of recent changes are welcome